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IET JNL	IET Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IET CNF	IET Conference Proceeding
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- ☐ 1. Predicting future behavior of transient events rapidly enough to evaluate remedial control of
Rovnyak, S.; Chih-Wen Liu; Jin Lu; Weimin Ma; Thorp, J.;
[Power Systems, IEEE Transactions on](#)
Volume 10, Issue 3, Aug. 1995 Page(s):1195 - 1203
Digital Object Identifier 10.1109/59.466537
[AbstractPlus](#) | [Full Text: PDF\(992 KB\)](#) IEEE JNL
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- ☐ 2. Application of synchronised phasor measurements to real-time transient stability prediction
Liu, C.-W.; Thorp, J.;
[Generation, Transmission and Distribution, IEE Proceedings-](#)
Volume 142, Issue 4, July 1995 Page(s):355 - 360
[AbstractPlus](#) | [Full Text: PDF\(408 KB\)](#) IET JNL
- ☐ 3. New methods for computing power system dynamic response for real-time transient stability
Chih-Wen Liu; Thorp, J.S.;
[Circuits and Systems I: Fundamental Theory and Applications, IEEE Transactions on \[see also Circuits and Systems I: Fundamental Theory and Applications, IEEE Transactions on\]](#)
Volume 47, Issue 3, March 2000 Page(s):324 - 337
Digital Object Identifier 10.1109/81.841915
[AbstractPlus](#) | [References](#) | [Full Text: PDF\(300 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- ☐ 4. SPECS simulation validation with efficient transient sensitivity computation
Nguyen, T.V.; Feldmann, P.; Director, S.W.; Rohrer, R.A.;
[Computer-Aided Design, 1989, ICCAD-89, Digest of Technical Papers., 1989 IEEE International C.](#)
5-9 Nov. 1989 Page(s):252 - 255
Digital Object Identifier 10.1109/ICCAD.1989.76947
[AbstractPlus](#) | [Full Text: PDF\(384 KB\)](#) IEEE CNF
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- ☐ 5. Spatial control of a large PHWR by piecewise constant periodic output feedback
Tiwari, A.P.; Bandyopadhyay, B.; Werner, H.;
[Nuclear Science, IEEE Transactions on](#)
Volume 47, Issue 2, Part 2, April 2000 Page(s):389 - 402
Digital Object Identifier 10.1109/23.846272

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- ☐ 6. Analytical transient solution for short-channel CMOS devices using a pseudo piecewise con
Hung-Jung Chen; Carlson, B.S.;
[Circuits and Systems, 1999. 42nd Midwest Symposium on](#)
Volume 1, 8-11 Aug. 1999 Page(s):317 - 320 vol. 1
Digital Object Identifier 10.1109/MWSCAS.1999.867270
[AbstractPlus](#) | Full Text: [PDF](#)(372 KB) IEEE CNF
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- ☐ 7. Efficient transient analysis of nonlinear circuits using Volterra series and piecewise constar
Yuan, F.; Raahemifar, K.; Mohammadi, F.A.;
[Circuits and Systems, 2001. ISCAS 2001. The 2001 IEEE International Symposium on](#)
Volume 3, 6-9 May 2001 Page(s):819 - 822 vol. 2
Digital Object Identifier 10.1109/ISCAS.2001.921458
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L2: Entry 1 of 1

File: PGPB

Dec 8, 2005

PGPUB-DOCUMENT-NUMBER: 20050273307

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050273307 A1

TITLE: TRANSIENT SIMULATION USING ADAPTIVE PIECEWISE CONSTANT MODEL

PUBLICATION-DATE: December 8, 2005

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Hemmett, Jeffrey E.

St. George

VT

US

US-CL-CURRENT: 703/14

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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TRANSIENTS	32452
SIMULAT\$	0
SIMULAT	1
SIMULATABILITY	1
SIMULATABLE	38
SIMULATANEOULSY	1
SIMULATANEOUS	30
SIMULATANEOUSLY	78
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L3: Entry 1 of 5

File: PGPB

Dec 8, 2005

PGPUB-DOCUMENT-NUMBER: 20050273307

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050273307 A1

TITLE: TRANSIENT SIMULATION USING ADAPTIVE PIECEWISE CONSTANT MODEL

PUBLICATION-DATE: December 8, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Hemmett, Jeffrey E.	St. George	VT	US

US-CL-CURRENT: 703/14

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 2. Document ID: US 6137293 A

L3: Entry 2 of 5

File: USPT

Oct 24, 2000

US-PAT-NO: 6137293

DOCUMENT-IDENTIFIER: US 6137293 A

TITLE: Measuring method for equivalent circuitry

DATE-ISSUED: October 24, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wu; Ruey-Beei	Taipei			TW
Wang; Mei-Hua	Taipei			TW

US-CL-CURRENT: 324/638; 324/637, 703/14

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 3. Document ID: US 6106561 A

L3: Entry 3 of 5

File: USPT

Aug 22, 2000

US-PAT-NO: 6106561

DOCUMENT-IDENTIFIER: US 6106561 A

TITLE: Simulation gridding method and apparatus including a structured areal gridder adapted for use by a reservoir simulator

DATE-ISSUED: August 22, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Farmer; Christopher L.	Abingdon			GB

US-CL-CURRENT: 703/10; 345/423, 367/72, 367/73, 702/11, 702/12, 702/13, 702/16, 702/5, 702/6, 703/2, 703/5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 4. Document ID: US 6078869 A

L3: Entry 4 of 5

File: USPT

Jun 20, 2000

US-PAT-NO: 6078869

DOCUMENT-IDENTIFIER: US 6078869 A

TITLE: Method and apparatus for generating more accurate earth formation grid cell property information for use by a simulator to display more accurate simulation results of the formation near a wellbore

DATE-ISSUED: June 20, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gunasekera; Dayal L.	Curbridge			GB

US-CL-CURRENT: 702/6; 367/69

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 5. Document ID: US 6018497 A

L3: Entry 5 of 5

File: USPT

Jan 25, 2000

US-PAT-NO: 6018497

DOCUMENT-IDENTIFIER: US 6018497 A

TITLE: Method and apparatus for generating more accurate earth formation grid cell property information for use by a simulator to display more accurate simulation

results of the formation near a wellbore

DATE-ISSUED: January 25, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gunasekera; Dayal L.	Curbridge			GB

US-CL-CURRENT: 367/72; 367/38, 367/68, 367/69, 367/7, 702/14

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw D
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Term	Documents
TRANSIENT	143971
TRANSIENTS	32452
PIECEWISE	7067
PIECEWISES	0
PIECEWIZE	19
PIECEWIZES	0
CONSTANT	1343885
CONSTANTS	143821
SIMULAT\$	0
SIMULAT	24
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L4: Entry 1 of 4

File: PGPB

Dec 8, 2005

PGPUB-DOCUMENT-NUMBER: 20050273307

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050273307 A1

TITLE: TRANSIENT SIMULATION USING ADAPTIVE PIECEWISE CONSTANT MODEL

PUBLICATION-DATE: December 8, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Hemmett, Jeffrey E.	St. George	VT	US

US-CL-CURRENT: 703/14

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K/MC	Draw. De
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☐ 2. Document ID: US 20030069722 A1

L4: Entry 2 of 4

File: PGPB

Apr 10, 2003

PGPUB-DOCUMENT-NUMBER: 20030069722

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030069722 A1

TITLE: Systems, methods and computer program products for creating hierarchical equivalent circuit models

PUBLICATION-DATE: April 10, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Beattie, Michael W.	Pittsburgh	PA	US
Pileggi, Lawrence T.	Pittsburgh	PA	US

US-CL-CURRENT: 703/14

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K/MC	Draw. De
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☐ 3. Document ID: US 7096174 B2

L4: Entry 3 of 4

File: USPT

Aug 22, 2006

US-PAT-NO: 7096174

DOCUMENT-IDENTIFIER: US 7096174 B2

TITLE: Systems, methods and computer program products for creating hierarchical equivalent circuit models

DATE-ISSUED: August 22, 2006

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20030069722 A1

April 10, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Beattie; Michael W.	Pittsburgh	PA		US
Pileggi; Lawrence T.	Pittsburgh	PA		US

US-CL-CURRENT: 703/14; 716/18

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KMC	Draw De
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☐ 4. Document ID: US 6106561 A

L4: Entry 4 of 4

File: USPT

Aug 22, 2000

US-PAT-NO: 6106561

DOCUMENT-IDENTIFIER: US 6106561 A

TITLE: Simulation gridding method and apparatus including a structured areal gridder adapted for use by a reservoir simulator

DATE-ISSUED: August 22, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Farmer; Christopher L.	Abingdon			GB

US-CL-CURRENT: 703/10; 345/423, 367/72, 367/73, 702/11, 702/12, 702/13, 702/16, 702/5, 702/6, 703/2, 703/5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KMC	Draw De
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